PRODUCT	**FSS COAT ELASTIC**
	Elastic, Protective, Crack-Bridging, Wall Covering for Exteriors

DESCRIPTION

FSS COAT ELASTIC is a water-based acrylic protective and decorative paint, which combines the ability to bridge micro-cracks, with anti-carbonation and waterproofing characteristics.

The characteristics of the elastomer guarantee an extraordinary resistance to atmospheric agents, to temperature changes, to marine environment and to the alkalinity of cement based conglomerates. Alkali resistant and lightfast pigments ensure long life of colours, even on external walls, particularly exposed to variating light impact and weather conditions.

FSS COAT ELASTIC ensures the complete protection of the wall surfaces, without hindering its transpiration.

USES

Thanks to all its outstanding features, FSS COAT ELASTIC is particularly suitable for the protection and decoration of all types of wall surfaces under the most different weather conditions. Further, it has low values of water absorption and a high barrier effect against CO_2 and acid gases, so it proves to be very effective in protecting concrete structures from carbonation. Non-toxic, non flammable. Excellent long term U.V. resistance. Concrete and other porous substrates should be primed with one or more coats of FSS COAT ELASTIC PRIMER.

SPECIFICATIONS

Form:	liquid fluid paste
Colours:	upon request
Density:	1.450 gr./litre
Solid content:	by weight 66% ±2
	by volume 50% ±2
Solid content at 450°C:	48 ±2%
pH:	8-9
Water absorption:	$W=0.5 \ Kg/sq.m \cdot h^{-0.5}$
Elongation:	at + 15°C: 140%
	at – 10°C: 69%
Breaking load:	at + 15°C: 0,75 Mpa
	at – 10°C: 0,98 Mpa
Ageing Q.U.V.400 hrs:	no structural or chromatic deterioration
Alkali resistance:	no structural or chromatic deterioration
Tack free:	10-12 hours
Overcoating:	6-18 hours depending on temperature
Application:	spray, brush or roller
Dilution:	with water up to 10-15%
Consumption:	200-220 gr/sq.m. per coat
Number of coats:	1-2
Limitations:	Not recommended when ambient and/or surfaces temperature are below + 5°C.
Storage life:	18 months if stored in the original, tightly sealed containers
Packing:	7 and 20 Kg

SURFACE PREPARATION

For new concrete surfaces: be sure that the substrate has been properly cured and accurately cleaned by water - jet or sand-blasting removing every trace of dust, dirt or loose parts.

APPLICATION

FSS COAT ELASTIC can be applied by roller, brush, airless spray.
Apply one or two coats of FSS COAT ELASTIC PRIMER according to surface porosity.

Within 6-18 hours from the application of FSS COAT ELASTIC PRIMER proceed to apply two subsequent coats of FSS COAT ELASTIC.

For already painted and partially degraded surfaces: remove all traces of loose paint and occasional efflorescence. Clean surface thoroughly to eliminate dirt or dust, if necessary apply one coat of FSS COAT ELASTIC PRIMER working through as indicated above.

FSS COAT ELASTIC PRIMER

SPECIFICATIONS

Form:	low viscosity liquid
Type of resin:	acrylic (UNI 8681: FA)
Colour:	transparent
Density:	1.020 gr./litre ±5%
Solid content:	by weight 18 ±2%
Dilution:	water up to 50% depending on surface absorption
Application:	brush, roller
Consumption:	120-150 gr./sq.m.
No. of coats:	1-3 depending on substrate absorption
Tack free at 23°C:	4-6 hours
Limitations:	Not recommended when ambient and/or surfaces temperature are below + 5°C.
Storage life:	18 months if stored in the original, tightly sealed containers
Packing:	5 and 25 Kg

CLEAN UP

Clean tools and equipment with water.

All tests have been carried out at 23° C
These data supersedes all previously published data.
Revised: February 2013